

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-42 are allowed.
2. The following is an examiner's statement of reasons for allowance: The independent claims all require a device with a piston with a measurement device in communication with the downstream side of a storage device capable of determining a quality parameter of a fluid, in combination with all other limitations of the independent claims. Reed (U.S. Patent Number 5,172,586) discloses the majority of the claimed limitations of the present invention, but fails to disclose a sensor capable of measuring a quality parameter of a fluid on the downstream side of the piston cylinder, as Reed only discloses a pressure measurement of a fluid on the downstream side.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to RODNEY T. FRANK whose telephone number is (571)272-2193. The examiner can normally be reached on M-F 9-5:30 p.m. EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hezron E. Williams can be reached on (571) 272-2208. The fax phone

Art Unit: 2856

number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Hezron Williams/
Supervisory Patent Examiner, Art
Unit 2856

/R. T. F./
Examiner, Art Unit 2856
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